

IN THE CLAIMS

1-16. (Canceled)

17. (Currently Amended) A method of manufacturing a semiconductor device comprising:

forming a first insulating film on a semiconductor substrate;

forming a wiring on the first insulating film wherein the wiring includes conductive film patterns and second insulating film patterns formed on the conductive film patterns;

forming a third insulating film on the wiring and the first insulating film using a silicon oxide based material;

planarizing the third insulating film until ~~a surface~~ surfaces of the second insulating film ~~pattern is~~ patterns are exposed before forming contact patterns;

forming the contact patterns on the wiring wherein the contact patterns define contact hole regions;

forming contact spacers on sidewalls of the contact patterns; and

etching the third insulating film and the first insulating film using the contact patterns and the contact spacers as masks to form the contact holes and to simultaneously form third insulating film patterns on sidewalls of the wiring.

~~The method of claim 17, further comprising planarizing the third insulating film until a surface of the second insulating film pattern is exposed before forming the contact patterns.~~

18-24. (Canceled)

25. (Currently Amended) A method of manufacturing a semiconductor device comprising:

forming a first insulating film on a semiconductor substrate having capacitor contact regions;

forming bit lines on the first insulating film between the capacitor contact regions wherein the bit lines include first conductive film patterns and second insulating film patterns formed on the first conductive film ~~pattern~~ patterns;

forming a third insulating film on the bit lines and on the first insulating film wherein the third insulating film includes a silicon oxide based material;

planarizing the third insulating film until surfaces of the second insulating film patterns are exposed before forming contact patterns;

forming the contact patterns on the bit lines wherein the contact patterns define storage node contact hole regions;

forming contact spacers on sidewalls of the contact patterns; and

etching the third insulating film and the first insulating film using the contact patterns and the contact spacers as masks to form ~~the~~ storage node contact holes and to simultaneously form third insulating film patterns on sidewalls of the bit lines.

26-33. (Canceled)

34. (Currently Amended) A method of manufacturing a semiconductor device comprising:

forming a first insulating film on a semiconductor substrate having capacitor contact regions;

forming bit lines on the first insulating film between the capacitor contact regions wherein the bit lines include first conductive film patterns and second insulating film patterns formed on the first conductive film ~~pattern-patterns~~;

forming a third insulating film on the bit lines and on the first insulating film wherein the third insulating film includes a silicon oxide based material;

forming contact patterns on the bit lines wherein the contact patterns define storage node contact hole regions;

forming contact spacers on sidewalls of the contact patterns;

forming a second conductive film on the contact patterns, the contact spacers and the storage node contact holes wherein the second conductive film fills up the storage node contact holes;

planarizing the second conductive film by a chemical mechanical polishing (CMP) process or an etch-back process when surfaces of the contact pattern are exposed to form storage node contact plugs in the storage node contact holes wherein the storage node contact plugs are connected to the capacitor contact regions; and

~~forming contact spacers on sidewalls of the contact patterns; and~~

etching the third insulating film and the first insulating film using the contact patterns and the contact spacers as masks to form the storage node contact holes and to simultaneously form third insulating film patterns on sidewalls of the bit lines.

35. (Currently Amended) A method of manufacturing a semiconductor device comprising:

forming a first insulating film on a semiconductor substrate having capacitor contact regions;

forming bit lines on the first insulating film between the capacitor contact regions wherein the bit lines include first conductive film patterns and second insulating film patterns formed on the first conductive film ~~pattern-patterns~~;

forming a third insulating film on the bit lines and on the first insulating film wherein the third insulating film includes a silicon oxide based material;

forming contact patterns on the bit lines wherein the contact patterns define storage node contact hole regions;

forming contact spacers on sidewalls of the contact patterns;

forming a second conductive film on the contact patterns, the contact spacers and the storage node contact holes wherein the second conductive film fills up the storage node contact holes;

planarizing the second conductive film by a chemical mechanical polishing (CMP) process or an etch-back process until surfaces of the third insulating film patterns formed on the bit ~~line-lines~~ are exposed to form storage node contact plugs in the storage node contact holes wherein the storage node contact plugs are connected to the capacitor contact regions;

planarizing a predetermined portion of the third insulating film positioned on the bit lines; and

~~forming contact spacers on sidewalls of the contact patterns; and~~

etching the third insulating film and the first insulating film using the contact patterns and the contact spacers as masks to form the storage node contact holes and to simultaneously form third insulating film patterns on sidewalls of the bit lines.

36. (Currently Amended) The method of claim 35, wherein the third insulating film ~~pattern has a~~ patterns have sufficient thickness to protect the bit lines.

37-38. (Canceled)

39. (Canceled)

40-41. (Canceled)